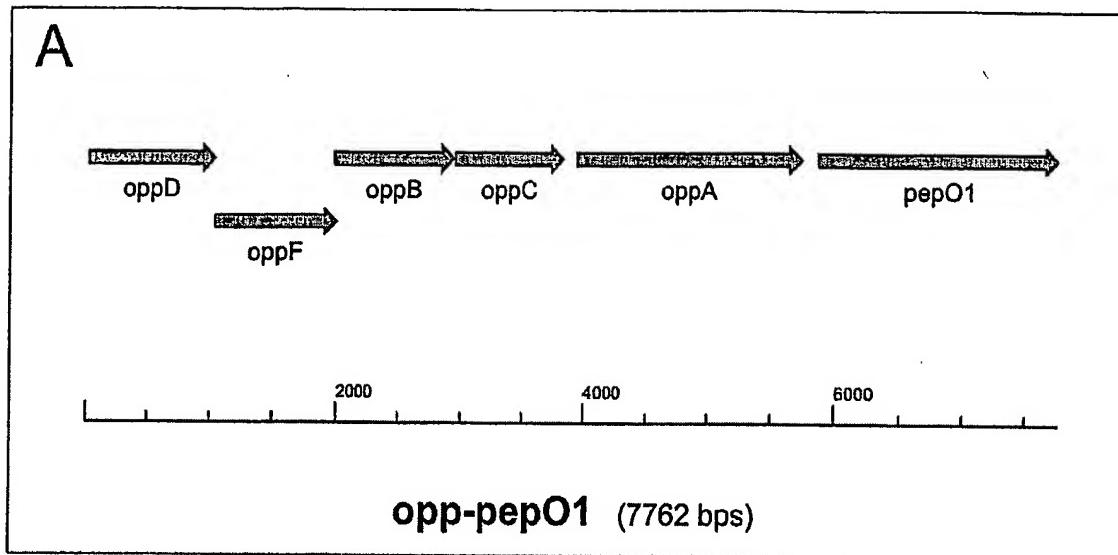


**Fig. 1**



**B**

DNA sequence and transcription start sites:

- Top strand: CTGATATCAATAAAGAATAAAAAGTCCAAAACAGAGCAGCATGAAAAATAAAACAATAATAAAAGCAGTTT. Transcription start site indicated by a horizontal arrow pointing right at the end of the sequence.
- Middle strand: TAGTATGATTACTGCTTTATTTCCTCCAAAACTTTGCTTACCTTATTGCGCTTAATGTTCAAGAAA. Transcription start site indicated by a horizontal arrow pointing right at the end of the sequence.
- Bottom strand: ATTCAACATACCTAAAATAGTAAATTGCAAATATGCAGAAAAGTAGTATACTTTATTAAAGTCTA. Transcription start sites indicated by horizontal arrows pointing left at positions -35 and -10 relative to the start of the sequence.

Amino acid translation:

RBS      M E S E N I L E A K Q V S V A

Fig. 2

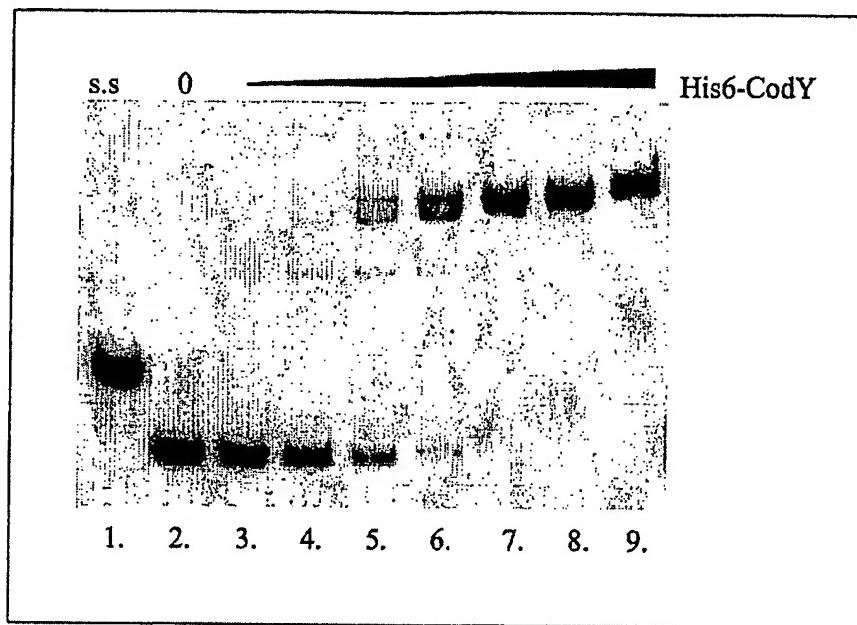


Fig. 3

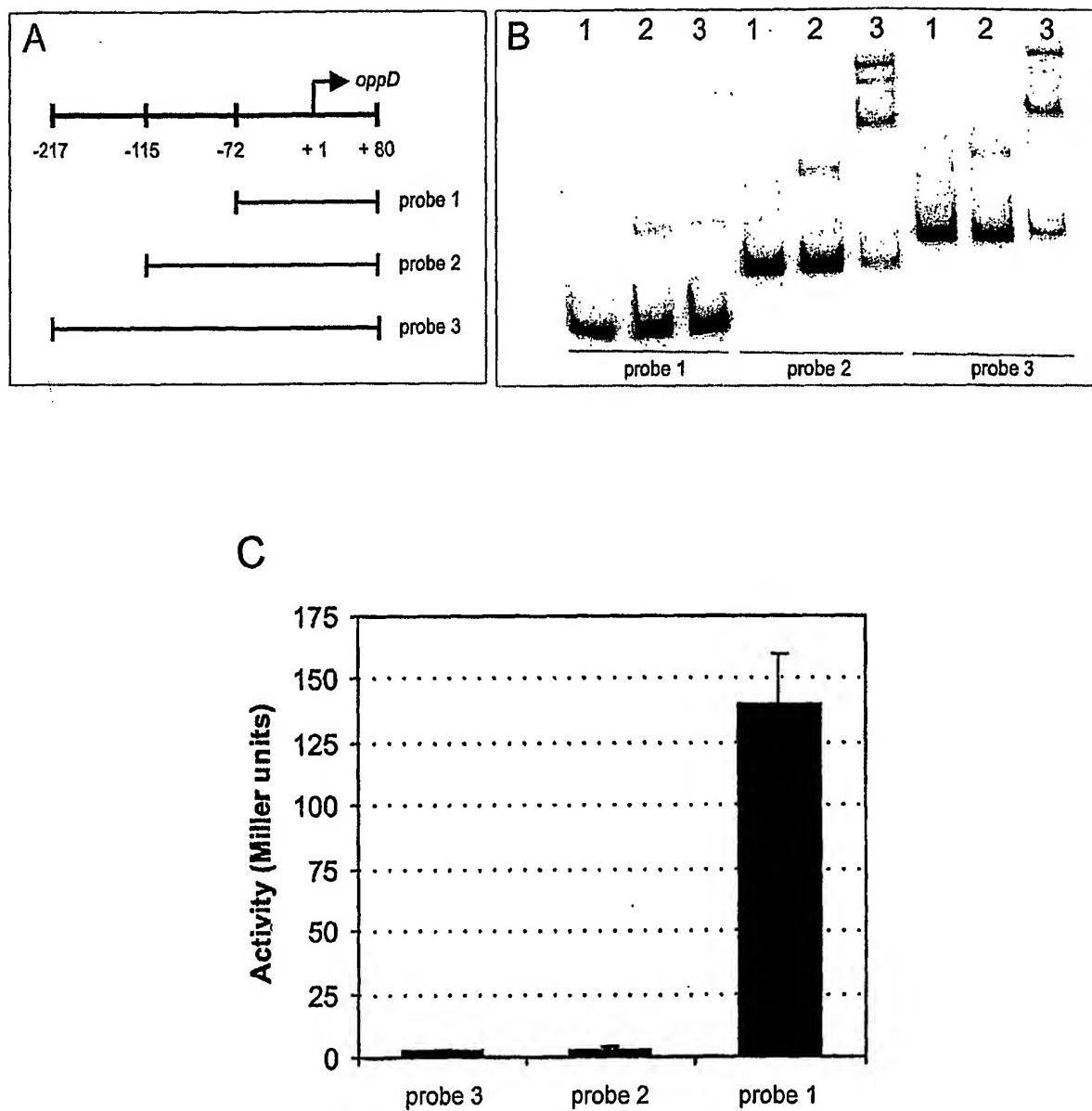


Fig. 4

**A**

AATGTTCAGAAAATTCATGAACATAC WT

AATATTAAGAAAATTCATGAACATAC Opp15 (a)

ACTGTGCCGAAAATTCATGAACATAC Opp15 (b)

AACTGCAGAAAATTCATGAACATAC Opp 2

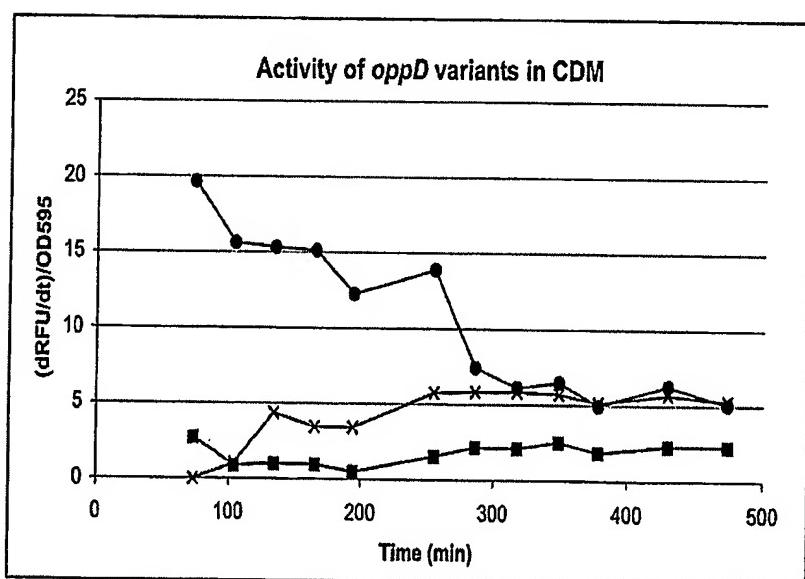
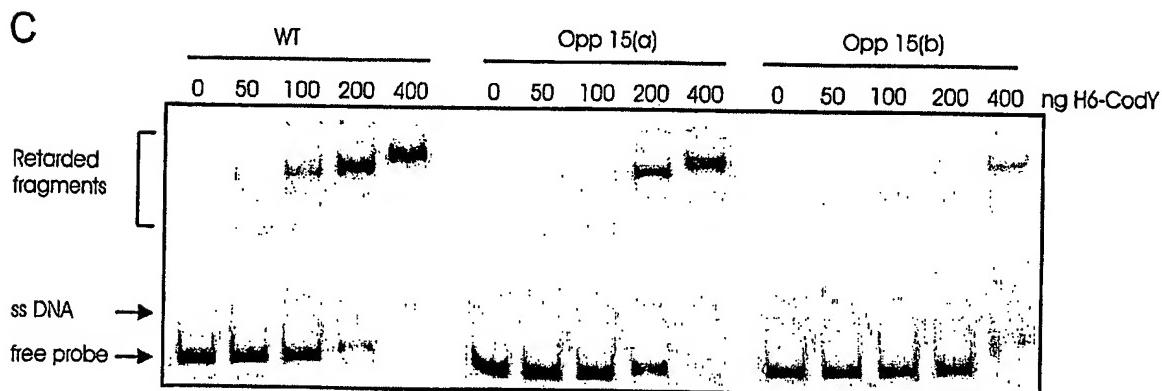
**B****C**

Fig. 4D

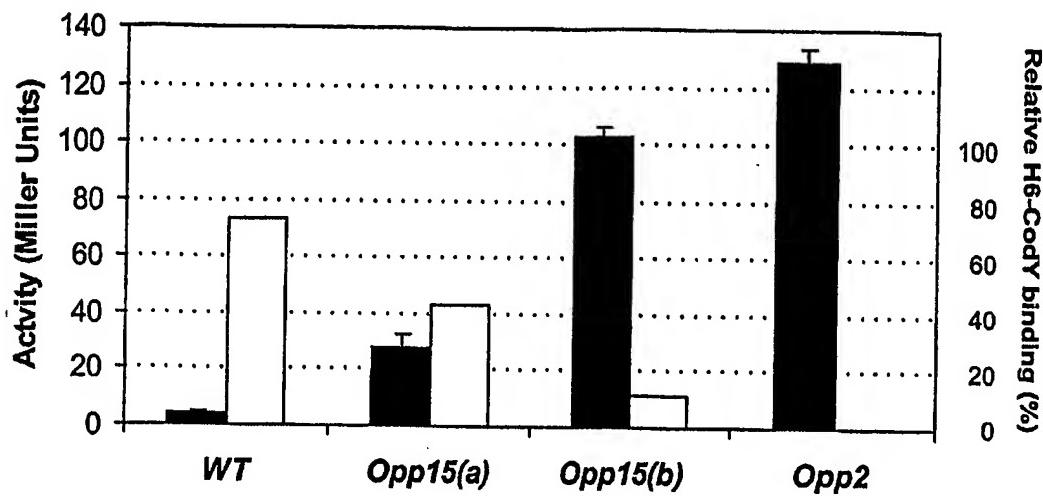
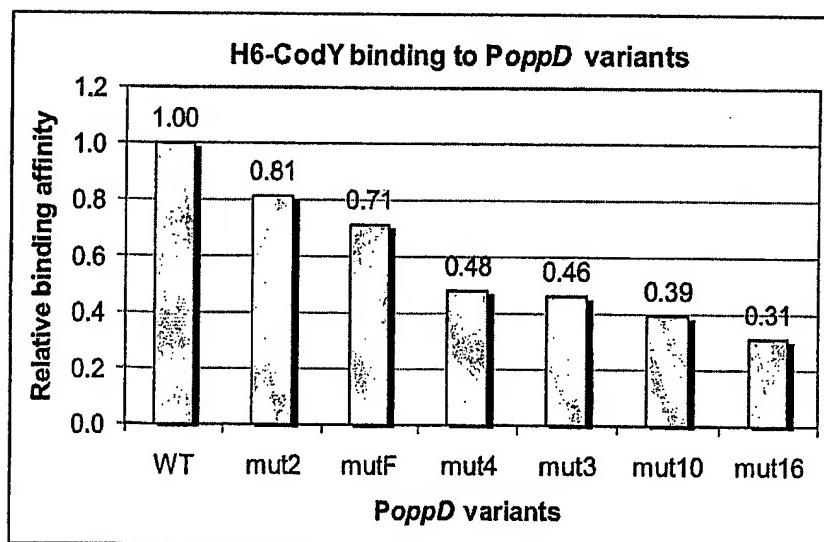


Fig. 5A

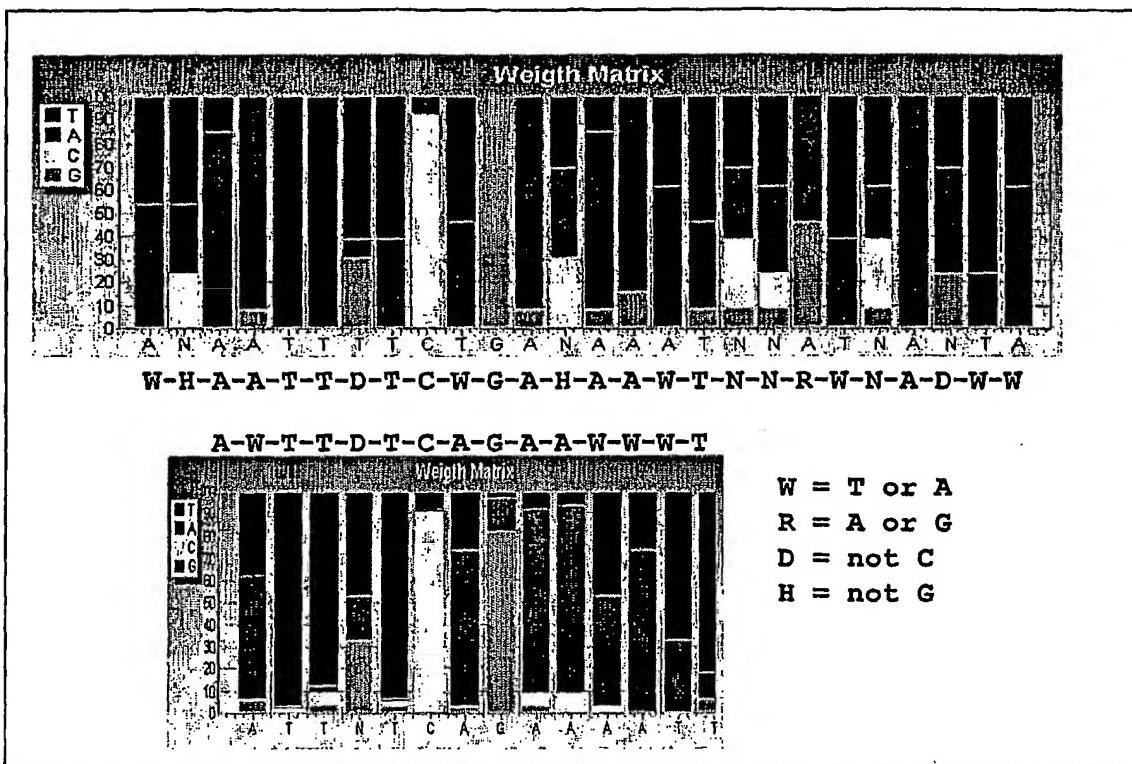
WT	CGTA <b>ATGTTCA</b> GAAAATTCA <u>TGAACAT</u> ACC
MUT2	CGTA ATGTTCT GAAAATTCA TGAACAT ACC
MUTF	CGTA ATGTTCA GAAAATTCA TGGACAT ACC
MUT4	CGTA ATGTTCA GAAAATTCA TGAGCAT ACC
MUT3	CGTA GTGTTCA GAAAATTCA TGAACAT ACC
MUT10	CGTA ATGTCCA GAAAATTCA TGAACAT ACC
MUT16	CGTA ATGTTCG GAAAATTCA TGAACAC ACC

Fig. 5B



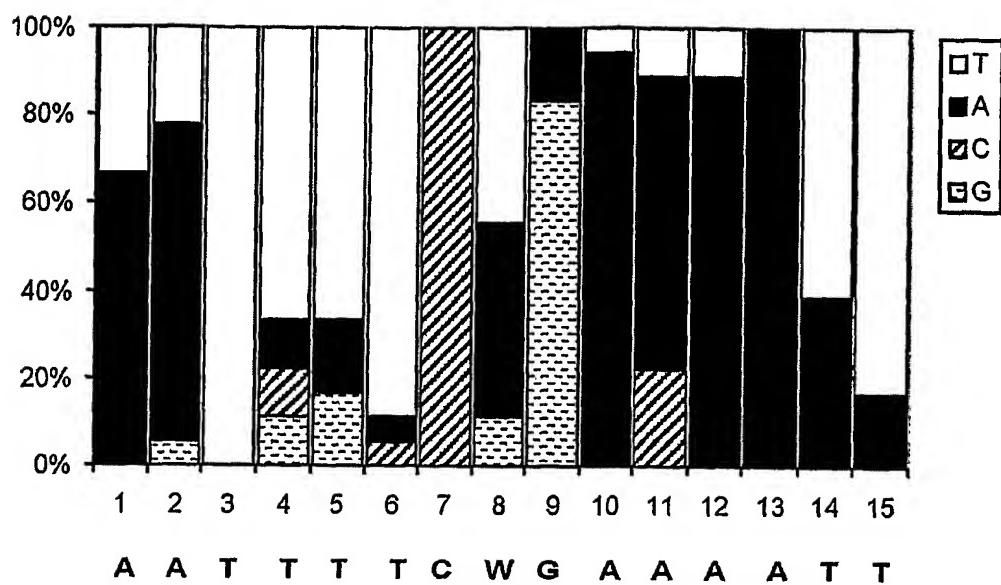
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Fig. 6A



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Fig. 6B



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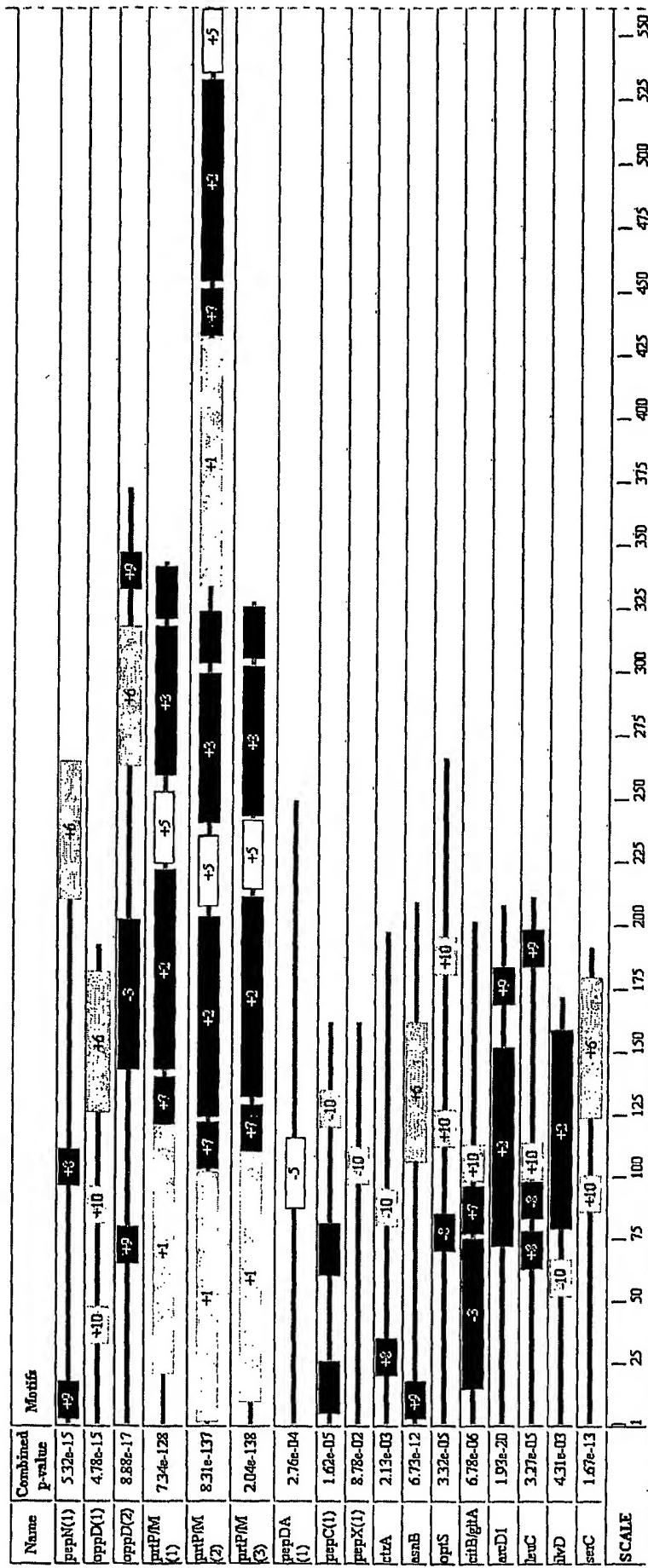


Fig. 7

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8  
Fig.

Fig. 9

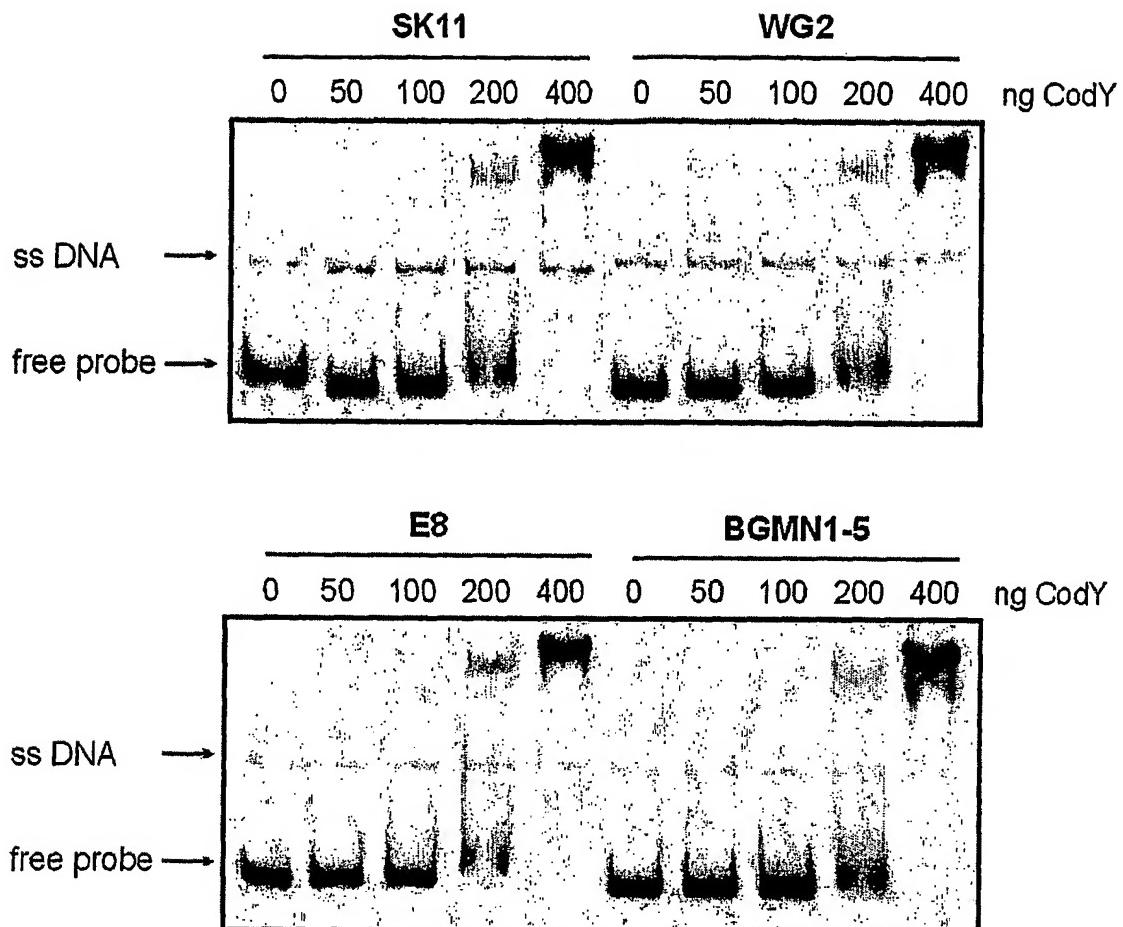


Fig. 10

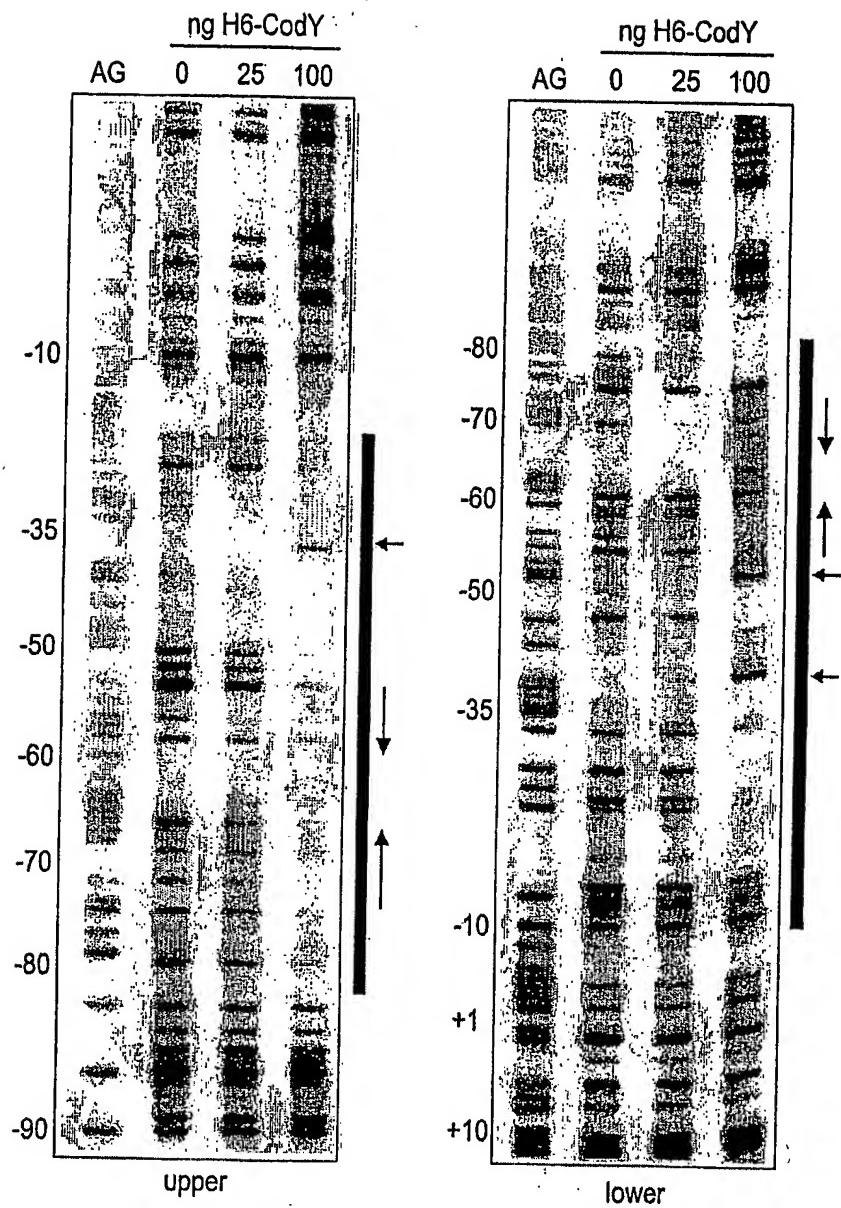


Fig. 11

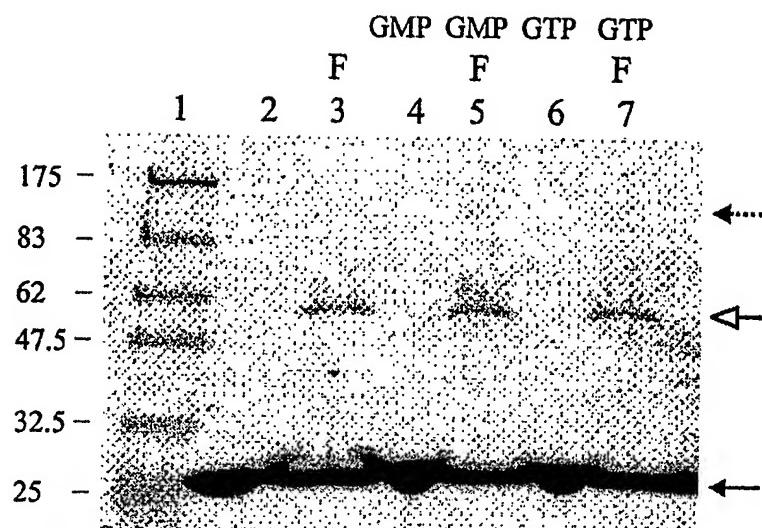


Fig. 12

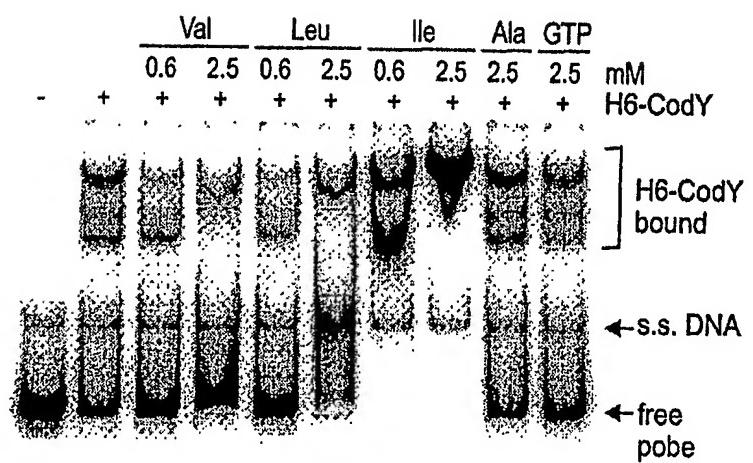


Fig. 13

